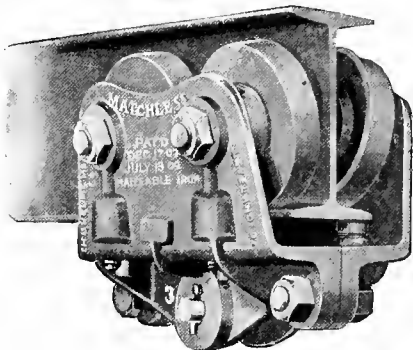


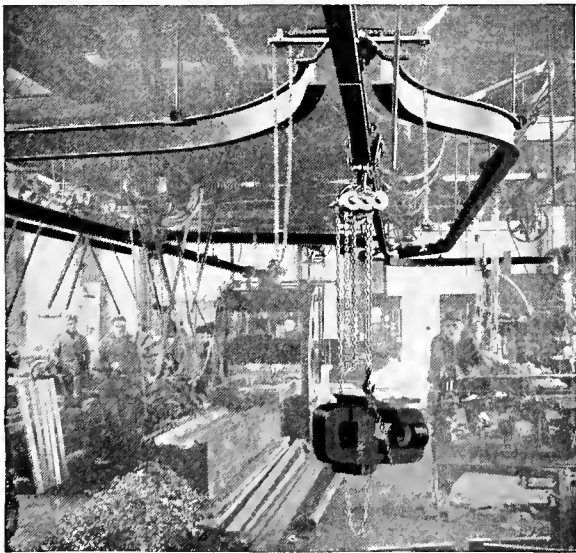
C-M 3-Way Movable Switch, Matchless Trolley and Cyclone 3-Ton High-Speed Chain Hoist.



C-M Matchless Adjustable Frame Trolley (also built in geared type). Hoist hook reaches within $1\frac{1}{2}$ " of I-Beam.

Chisholm-Moore Material Handling Equipment

Chisholm - Moore Material-Handling Equipment includes: Cyclone High-Speed Chain Hoists, "Moore" Anti-Friction Chain-Hoists, Standard Screw chain-hoists, and Direct differ-



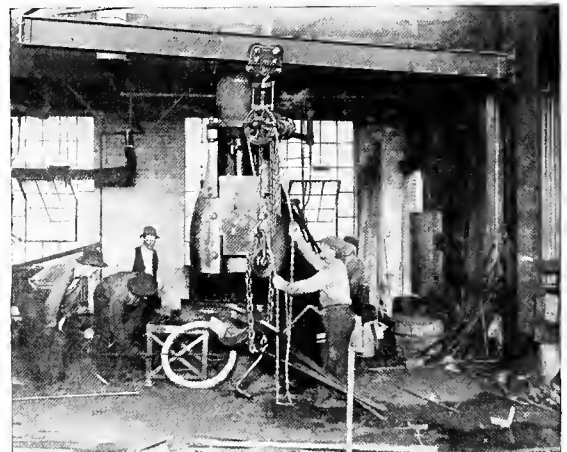
C-M Overhead Trolley System Serving Shears and Saws in Knife and Forge Plant.

ential pulley blocks; Matchless Adjustable Malleable Frame Trolleys, plain and geared in single and tandem styles, C-M Geared and Plain Yoke Trolleys and C-M Detachable Trolleys; C-M 2-way, 3-way and 4-way movable switches; also automatic switches; C-M Traveling Cranes, Wall Bracket and Mast Jib Cranes; C-M Trolley Hoists, Ammunition and Gun Hoists, Hand and Power Winches and complete C-M Overhead Systems.

For more than a quarter-century Chisholm-Moore engineers have specialized in the design and manufacture of material-hoisting and handling equipment. This extended and widely-varied experience is at your disposal in the study of your problems and in the planning of systems exactly fitted to your individual needs. The illustrations on this page merely suggest the wide scope of C-M equipment; complete descriptions and illustrations can be obtained by writing for a catalog, which gives you an abundance of hoisting and handling information.

Cyclone Hoists

The secret of Cyclone speed, durability and efficiency lies in the gyrating yoke. This mechanism gives the user three advantages: (1) it produces a higher gear ratio in less space; (2) it supports the load at all times on $\frac{2}{3}$ of all the teeth (not on one tooth only); (3) the presence of two yokes means that the pull is always carried at two points directly opposite, thus reducing friction to a minimum. This gives a hoist with no small delicate



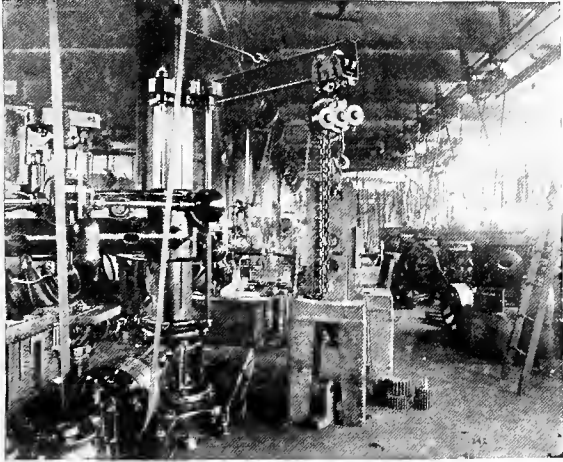
Cyclone Shock Absorber Hoist Suspended from Matchless Trolley Serving a Trip Hammer.

parts to break or require frequent adjustment, a powerful drive with remarkably small frictional loss, least possible exertion to lift the load and high speed with smooth, positive action free from vibration.

A multiple disc brake automatically holds the load in any position and releases without jerk or jar, the handwheel spinning freely in either direction when there is no load. Malleable iron frame. All gears machine-cut. Three main bearings are steel roller-bushed, all others fitted with graphite bronze bearings. Chain is made in our own plant from special analysis steel, and tested to 50% overload strain. Built in $\frac{1}{4}$, $\frac{1}{2}$, 1, $1\frac{1}{2}$, 2, 3, 4, 5, 6, 8, 10, 12, 16, 20, 30 and 40 ton capacities.

C-M Matchless Trolleys

Built of malleable iron carefully proportioned to provide great strength, the use of Matchless Trolleys insures a large factor of safety. The load is carried equally on all four wheels. The trolley is adjustable to varying sized I-beams by means of small vertical guide rollers mounted on an eccentric shaft opposite each track



Handling Heavy Castings with a C-M Jib Crane, Cyclone Hoist and Matchless Trolley.

wheel. Track wheels are flangeless so that trolley may pass freely on track curved to an 18" radius. Matchless Trolleys are built in both plain and geared types, in the latter all gears being machine-cut. Roller bearings, axles and rollers are made of hardened steel.

C-M Traveling Cranes

C-M Traveling Cranes are furnished in many standard and special types to meet the demands of the user. They are built with single or double bridge, overhead, transfer and underhung types. On receipt of requirements as to length of span, maximum load and distance from track to floor the company will forward blue-prints showing construction and clearance and submit prices.

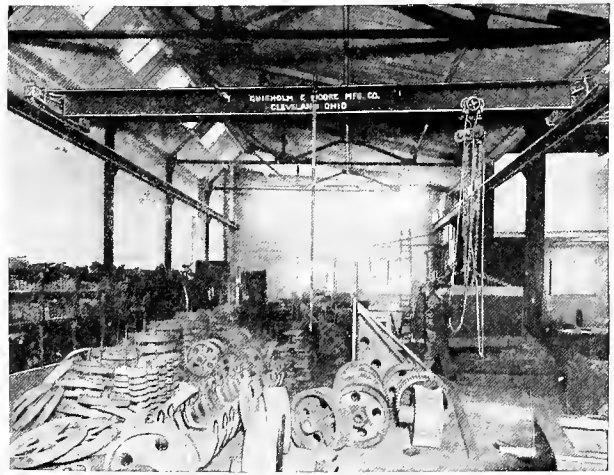
C-M Complete Hoisting and Conveying Systems

C-M Complete Hoisting and Conveying Systems (see typical installation photo in first column) are remarkable time and labor-savers wherever installed. Composed of items which are each distinct leaders in their respective classes—Cyclone Hoists, Matchless Trolleys and C-M two, three and four-way switches—the result is an overhead system of the greatest efficiency.

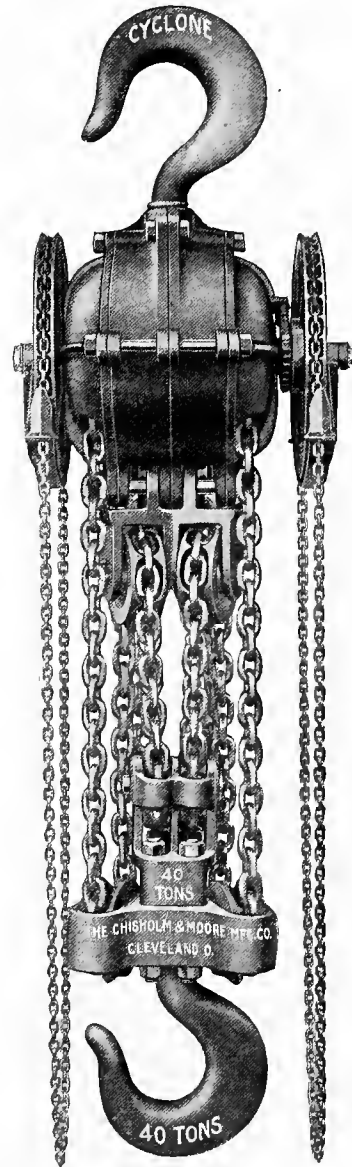
Correspondence in regard to prices or specifications for such systems will be given prompt attention.

Branch Offices of the
CHISHOLM-MOORE MFG. CO.,
CLEVELAND, O.

30 Church St., New York
Peoples Gas Bldg., Chicago
Henry W. Oliver Bldg., Pittsburgh



Piling Castings with C-M Crane, Cyclone Hoist and Matchless Trolley.



Cyclone 40-Ton High-Speed Chain Hoist. Cyclone Hoists are the only single-unit hoists built for capacities above 3 tons.